

## POST & BID POSITION ANNOUNCEMENT

### Bargaining Units 1, 4 and 11

1. Reference #: 11-9-377 2. Position Number: 911-308-3175-xxx 3. Date of Posting: 03/18/19
4. Classification: Transportation Engineering Technician 5. Salary Range: \$3,688 - \$5,550
6. Pay Differentials That Apply To Position: Pay Differential 271 may apply if/when you meet the Criteria
7. Working Hours Of Position: 6:30 AM – 5:00 PM, Monday-Thursday
8. District/Division: 11/Land Surveys Section: Surveys Field Geographic Location: San Diego  
(If selected and the position requires a relocation, the Department will NOT provide relocation assistance.)

9. **Specific Qualifications and Requisite Skills Required:** (Attach a separate sheet if additional space is needed.)

A. Minimum Qualifications per the Classification Specifications (BU1 & 4 only) (Education and or Experience):

B. Technical & Professional Skills & Abilities:

Knowledge of:

- a. Entry level tasks on a survey party
- b. Working understanding of mathematic principles and concepts: including addition, subtraction, multiplication, division, fractions, percentages, ratios, proportions and measurement units to calculate and solve mathematical equations in the course of completing survey tasks and analyses.
- c. Syntax and rules of the English language, to formulate proper sentences, speak in a correct and understandable manner to a variety of audiences and understand the verbal and written communication of others.
- d. Fundamental surveying, mathematics, and basic science as applied to surveying.
- e. Factors which influence the impact of departmental projects on property and basic land net; right of way engineering projects, planning, design, construction, and right of way procedures and policies as they relate to surveys.

Ability to:

- a. Operate scientific calculators to compute various mathematical equations and problems using algebra, geometry, and trigonometry.
- b. Understand various units of measurement for data collection, measurement, calculation, and reporting.
- c. Read and understand plans, maps, and drawings to ensure appropriate and correct interpretation of information and data presented in this format.
- d. Work cooperatively in a crew environment and receive instruction from the Party Chief or their Assistant on a continuous basis.
- e. Analyze situations accurately and take effective action.
- f. Establish and maintain friendly, business-like relations with those contacted in the course of work and communicate effectively.

Analytical Requirements:

- a. Basic background in mathematics and computation skills.
- b. Analyze situations accurately and adopt an effective course of action.
- c. Analyze work zone safety and plan for employee safety and that of the crew and the traveling public.

C. License and/or Certification Requirements:

D. Physical Abilities to Perform Essential Functions:

This position requires the use of heavy-duty work clothes and safety boots. Manual labor can be intense and frequent, from clearing brush in tick-infested mountains to driving survey stakes and markers with 12 pound sledgehammers for hours on end. Must be able to collect survey data over rough, uneven, and steep terrain. Must be able to transport survey equipment weighing up to 50 pounds, hand tools, and materials in an outdoor setting through various types of terrain as needed to complete the necessary tasks. Requires frequent bending, stooping, and kneeling. Ability to exercise power grasping, repetitive motion, and manual dexterity when using hand tools and survey equipment. Must be able to take direction constructively, work cooperatively as a team member, and act with courtesy to co-workers and the public. Must have the ability to multi-task, adapt to changes in priorities, and complete tasks or projects with short notice. Must be able to maintain a sustained mental alertness and concentration for prolonged periods of time while performing tasks assigned. Must be able to

effectively communicate ideas, issues, and possible solutions as they relate to a particular task or project. Incumbent is required to be tolerant of working within very close range of high-speed traffic, as well as in very noisy conditions.

E. Other Departmental Requirements:

- Possession of a valid Driver's License is required to operate a State vehicle.

F. Duty Statement/Description of Duties:

Under the direction of a Transportation Surveyor Party Chief, the incumbent is assigned technical responsibilities as a non-professional member of a field survey party, performing a wide variety of tasks on State Highway construction projects, design data surveys, boundary retracement, and monumentation of Rights of Way.

Location: This position is in the Field Surveys Branch of the District 11 Office of Land Surveys (based at the Kearney Mesa Operations Center.) Field assignments include work in both San Diego and Imperial Counties.

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10. Final Date and Time for Receiving Bid: 04/02/19

11. Where to Obtain Bid Form: <http://www.dot.ca.gov/hq/jobs/postandbid/postandbidmain.htm>

12. Submit Bid to:

Name: Lea Tran

Address: 4050 Taylor Street, MS 123, San Diego, CA 92110

Telephone Number: (619) 688-6950

FAX Number: (619) 220-5387

E-mail Address: [D11.hiring@dot.ca.gov](mailto:D11.hiring@dot.ca.gov)

13. Window period employee must be available for contact (**Unit 1&4 Only**): From: \_\_\_\_\_ To: \_\_\_\_\_

(If selected, you must report in no less than 14 calendar days unless agreed otherwise by current and hiring supervisor and start date must be within 30 calendar days.)

14. Expected Reporting Date To Position (**Unit 11 Only**): Within thirty days of receiving notification of winning bid.

(If selected, you must report on the reporting date above unless agreed otherwise by current and hiring supervisor.)

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